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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/325,143	06/03/1999	CHIN-HUI LEE	LEE22-1	2458

26453 7590 03/06/2002

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EXAMINER

CONTRERAS, JORGE L

ART UNIT

PAPER NUMBER

2645

DATE MAILED: 03/06/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/325,143

Applicant(s)

LEE, CHIN-HUI

Examiner

Jorge L. contreras

Art Unit

2645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 March 1999.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1 The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2 Claims 1-6 are rejected under 35 U.S.C. & 102 (e) as being unpatentable over Logan et al., US Patent 5,732,216.

Regarding claim 1, a method of spotting a key segment in a voice message comprising the steps of:

Identifying a key segment (Col 7, lines 42-50), before a playback session begins, the user has the opportunity to review and alter the program selections and sequence as a default by the downloaded information.

Detecting (Col 11, lines 43-52) the key segment, in the voice message

Tagging (Col 15, lines 9-12) the voice message, using the mark command to place a bookmark into a usage log, as to indicate the location of the detected key segment within the voice message.

Receiving or accepting (Col 12, lines 52-67), an enquiry for the key segment.

Retrieving the key segment from the voice once the playback is resumed

(Step 235, Fig 3).

Regarding claim 2, wherein the step of identifying a key segment includes registering the key segment by storing an identification (Col 11, lines 4-15) and a characteristic of the key segment. One of several key segment characteristics is the pronunciation of the key segment (Fig 7, Col 37, lines 29-49).

Regarding claim 3, wherein the step of identifying, (marking) (Col 15, lines 9-16) a key segment includes predefining, (highlighting) the key segment (Col 30, lines 1-17).

Regarding claim 4, wherein, the inquire (or announcement) for the key segment includes speech (Col 28, lines 18-23). Fig 7, shows clearly a combination of text, sights and sounds (Col 37, lines 29-34).

Regarding claim 5, wherein the characteristics of the key segment includes a pronunciation of the key segment (Figures 6 and 7, Col 37, lines 47-49).

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Regarding claim 6, a method of spotting a key segment in a voice message comprising the steps of:

receiving a voice (Col 12, lines 52-58) message;

receiving an enquiry (Col 12, line 52-67) for a key segment

detecting (Col 11, lines 43-52) the key segment in a voice message;

tagging or marking (Col 15, lines 9-12) the voice message with the location of the detected key segment.

retrieving the key segment from the voice message once the playback is resumed (Step 235, Fig3)

Regarding claim 7, comprising the step of registering of the key segment, using highlight and tagging (markings) by storing an identification (Col 15, lines 9-16) and a pronunciation (Fig 7, Col 37, lines 29-34) characteristic of the key element.

Regarding claim 8, wherein the characteristic of the key segment includes a pronunciation of the key segment (Fig 6, Col 37, lines 29 – 41).

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Conclusion

3 The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chou at al. (Patent Number 5,797,123) Method of Key-Phase Detection and Verification for Flexible speech Understanding.

4 Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, DC 20231

Or faxed to:

(703) 872-9314

"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121

Crystal Drive, Arlington CA, Sixth Floor (Receptionist).

5 Any inquire concerning this communication or earlier communications from the examiner should be directed to Jorge Contreras whose telephone number is (703) 305-3203. The examiner can normally be reached on Monday to Friday from 8:00 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fang Tsang, can be reached on (703) 305-4895. The fax phone number for this Group is (703) 872-9314.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C 132 or which otherwise require a signature, may be used by applicant and should be addressed to [fan.tsang@uspto.gov].

All internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 OG 89.

Any inquire of a general nature or relating to the status of this application or proceeding should be related to the Group Customer Service Center whose telephone is (703) 306-0377.

Jorge Contreras

Examiner

Group 2645

February 27, 2002

FAN TSANG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

